



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/797,748

DATE: 09/13/2004

TIME: 11:15:19

Input Set : A:\Sequence Listing 10 797,748.txt

Output Set: N:\CRF4\09132004\J797748.raw

3 <110> APPLICANT: Acey, Roger A.  
 5 <120> TITLE OF INVENTION: Metal Binding Proteins and Associated Methods  
 7 <130> FILE REFERENCE: 51302-00002  
 9 <140> CURRENT APPLICATION NUMBER: 10/797,748  
 10 <141> CURRENT FILING DATE: 2004-03-09  
 12 <150> PRIOR APPLICATION NUMBER: 09/948,495  
 13 <151> PRIOR FILING DATE: 2001-09-06  
 15 <160> NUMBER OF SEQ ID NOS: 10  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 147  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Artemia sp.  
 24 <400> SEQUENCE: 1  
 25 atggactgct gcaagaacgg ttgcacctgt gcccacaaatt gcaaattgtgc caaagactgc 60  
 27 aaatgctgca aaggttgtga gtgcaaaagc aaccacagaat gcaaattgtga gaagaactgt 120  
 29 tcatgcaact catgtggttg tcaactga 147  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 48  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: Artemia sp.  
 37 <400> SEQUENCE: 2  
 39 Met Asp Cys Cys Lys Asp Gly Cys Thr Cys Ala Pro Asp Cys Lys Cys  
 40 1 5 10 15  
 43 Ala Lys Asp Cys Lys Cys Cys Lys Gly Cys Glu Cys Lys Ser Asp Pro  
 44 20 25 30  
 47 Glu Cys Lys Cys Glu Lys Asp Cys Ser Cys Asp Ser Cys Gly Cys His  
 48 35 40 45  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 66  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artemia sp.  
 56 <400> SEQUENCE: 3  
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 59 aaatgc 66  
 62 <210> SEQ ID NO: 4  
 63 <211> LENGTH: 22  
 64 <212> TYPE: PRT  
 65 <213> ORGANISM: Artemia sp.  
 67 <400> SEQUENCE: 4  
 69 Met Asp Cys Cys Lys Asp Gly Cys Thr Cys Ala Pro Asp Cys Lys Cys  
 70 1 5 10 15  
 73 Ala Lys Asp Cys Lys Cys

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74          20
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 34
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <223> OTHER INFORMATION: 5' primer (N-terminal side) designated MT-Not I for PCT
84     amplification of Artemia metal binding protein sequences
86 <400> SEQUENCE: 5
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91 <211> LENGTH: 31
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial
95 <220> FEATURE:
96 <223> OTHER INFORMATION: 3' primer (C -terminal side) designated dT-Not I for PCT
97     amplification of Artemia metal binding protein sequences
99 <400> SEQUENCE: 6
100 gcaccaacta gtgccttttt tttttttttt a                                     31
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105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: 3' primer (C -terminal side) designated dT-Not I for PCT
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132 <213> ORGANISM: Artificial
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135 <223> OTHER INFORMATION: 5' primer containing an Nde I site
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141 <210> SEQ ID NO: 10
142 <211> LENGTH: 31
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial

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146 &lt;220&gt; FEATURE:

147 &lt;223&gt; OTHER INFORMATION: 3' primer containing Sal I site

149 &lt;400&gt; SEQUENCE: 10

150 acgaacgtcg acgccttttt tttttttttt a

31

RAW SEQUENCE LISTING ERROR SUMMARY

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:5,6,7,8,9,10

**VERIFICATION SUMMARY**

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